Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bath tub, kitchen sink, or swimming pool).
5. Do not place this product on an unstable surface. The product may fall, causing serious damage.
6. Slots and openings in the Handset and Base Unit are provided for ventilation. To protect it from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation where proper ventilation is not provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord might be damaged by anyone walking on it.
9. Never push objects of any kind into this product through the slots in the Handset and Base Unit as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing cabinet parts other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the appliance is subsequently used.
11. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
12. Unplug this product from the wall outlet and contact VTECH under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, because improper adjustment of other controls may result in damage and will often require extensive work by an authorized technician to restore the product to normal operation.
    E. If the product has been dropped and the cabinet has been damaged.

Important Safety Instructions

F. If the product exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
14. Do not use this or any cordless telephone to report a gas leak in the vicinity of the leak.

VTECH COMMUNICATIONS INC.
CUSTOMER SERVICE: 1-800-595-9511. In Canada VTech Telecommunications Canada Ltd. at 1-800-267-7377.

BEFORE USING YOUR ip 5850 SYSTEM, CAREFULLY PEEL OFF THE PROTECTIVE FILM COVERING THE DISPLAYS.

Introduction

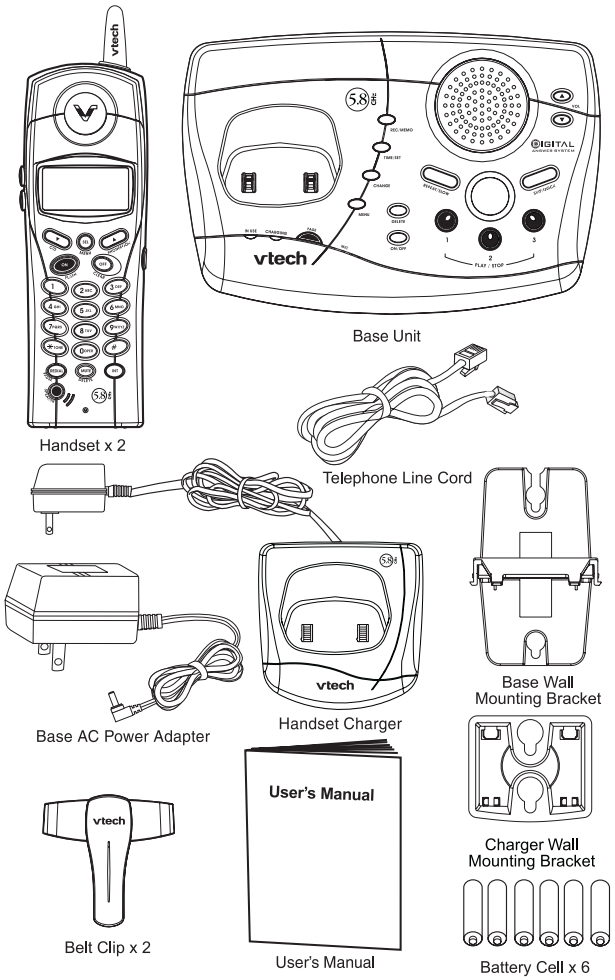
Your **ip 5850** is an advanced cordless telephone set, capable of supporting two Handsets. This manual is designed to familiarize you with this cordless telephone. We strongly recommend you read the manual before using your phone.

Parts Check List

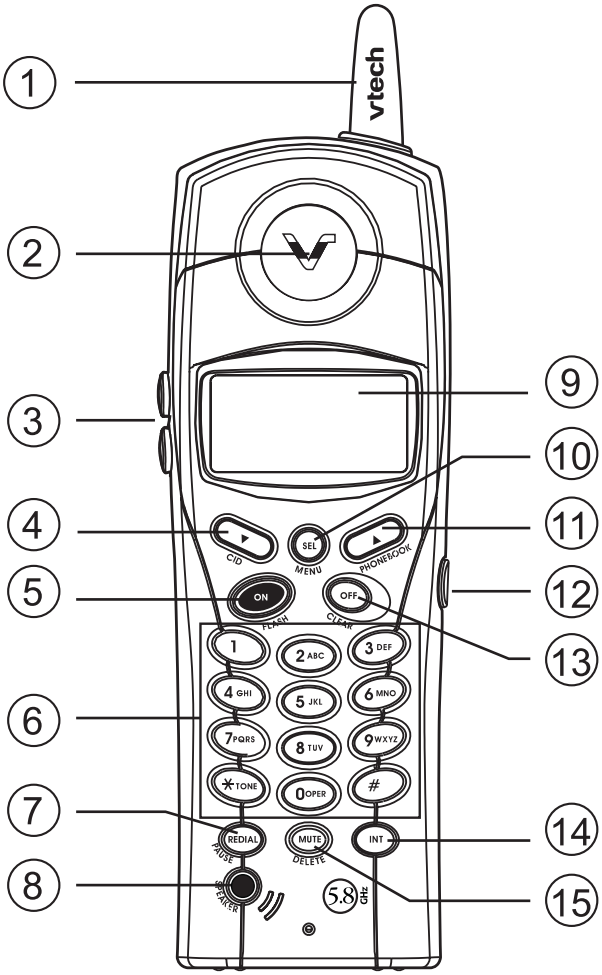
1. Base Unit
2. Handsets
3. Handset Charger
4. Base AC Power Adapter
5. Telephone Line Cord
6. Belt Clips
7. Base Wall Mounting Bracket
8. Charger Wall Mounting Bracket
9. User's Manual
10. Battery Cells

To purchase replacement battery cells, call VTech Communications, Inc. at 1-800-595-9511. In Canada, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.

NOTE: Use only VTech batteries (part number 80-5380-00-00) or equivalent AAA NiMH rechargeable batteries.

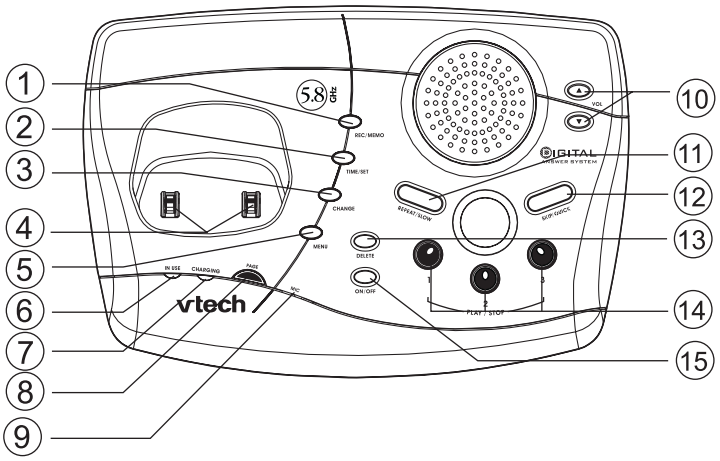


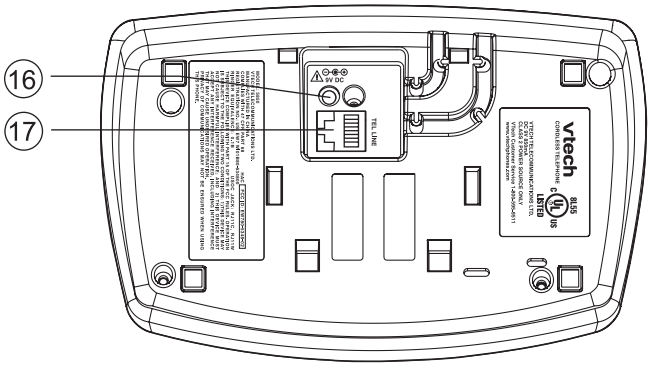
The Handset Layout



1. Antenna
2. Earpiece
3. Volume Control
4. CID (Scroll Down)
5. On (Flash)
6. Dialing Keys (0-9, *, #)
7. Redial (Pause)
8. Speakerphone
9. LCD Display
10. Select (Menu)
11. Phonebook (Scroll Up)
12. Headset Jack (2.5mm)
13. Off (Clear)
14. Intercom
15. Mute (Delete)

The Base Unit Layout



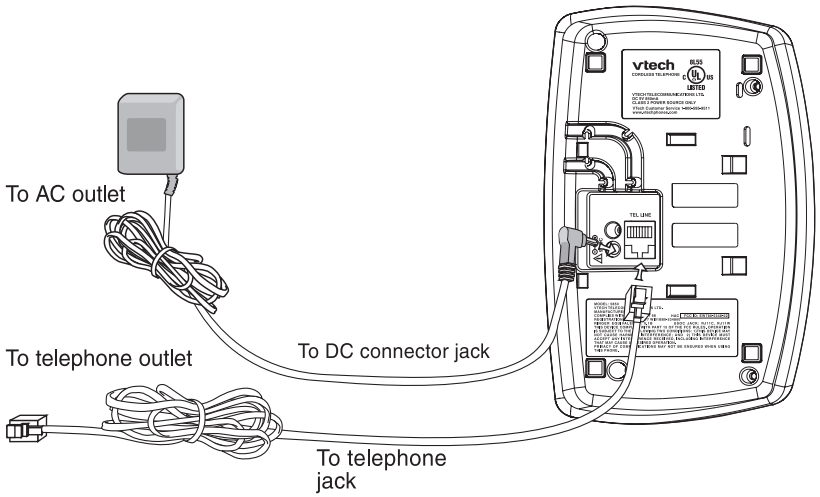


1. Rec/Memo
2. Time/Set
3. Change
4. Cradle Contacts
5. Menu
6. In Use LED
7. Charging LED
8. Page
9. Microphone
10. Volume Control
11. Repeat/Slow
12. Skip/Quick
13. Delete
14. Message Boxes (PLAY/STOP)
15. Answering Machine Control (On/Off)
16. DC Connector Jack
17. Telephone Jack

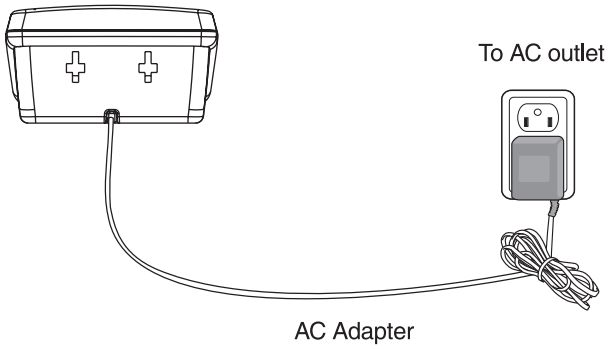
Setup

Connecting Power to Base Unit/Handset Charger

1. Plug the AC power adapter into an electrical outlet, and the DC connector into the bottom of the Base Unit.

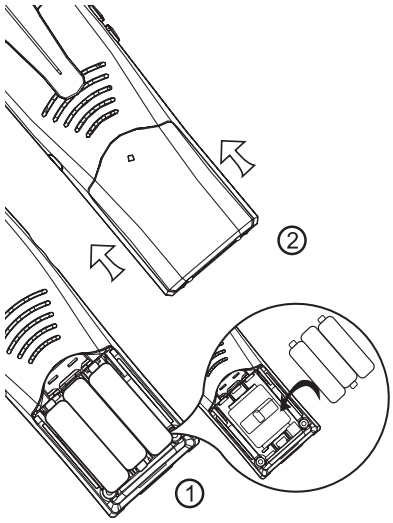


2. Choose the location for your Handset Charger, and plug its power supply into an electrical outlet.



Setup

Installation of Battery Cells in Handset



Follow the steps below:

1. Place the new battery cells in the Handset with the positive and negative poles aligned in the battery compartment.
2. Replace the battery compartment cover by sliding it upwards.
3. If the new battery cells are not already charged, place the Handset in its Charger or Base Unit, and allow it to charge for 10-12 hours. After initial charge, a maintenance charge of 8 hours should be sufficient.

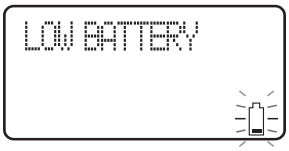
WARNING: Alkaline batteries must NOT be used in your ip 5850 cordless telephone. Use only the batteries that came with your phone, or contact our Customer Support Center (contact information on page 2) to order additional batteries.

Charging of the Handset Battery Cells

The Handset of your cordless telephone is powered by rechargeable battery cells. It charges automatically whenever the Handset is in its charger or Base Unit.

You should charge the battery pack for 10-12 hours when you first receive your phone.

You will know the battery cells need charging when:



- The low battery message is displayed:
- The Handset seems completely dead, the LCD is completely clear and does not activate when you press the keys.

NOTE: When in **LOW BATTERY** mode, the keypad sounds, backlighting and speakerphone features will not work. When your battery has been charged, your features will return to their normal function.

IMPORTANT:

1. Do not dispose of battery cell in a fire, the cell may explode.
2. Do not open or mutilate the battery cell. Toxic substances may be released, causing harm to eyes or skin.
3. Exercise care in handling battery cell in order to prevent an accidental short of the charge contacts, potentially causing the battery pack to overheat.

Setup

4. Do not dispose of this battery cell into household garbage. Please refer to the information concerning proper battery recycling located near the end of this Owner's Manual.
5. Do not charge the battery cell with other electrical devices.

Check Battery Indicator

If you receive a check battery warning, it indicates one of the following:

1. There are no battery cells in your Handset. You'll need to install battery cells into your Handset (see Installation and Charge of Battery Cells in Handset section on the previous page.)
2. You have accidentally installed alkaline batteries into the Handset. (Alkaline batteries must NEVER be used in this phone. See the warning on the previous page for additional information about batteries for this telephone.)
3. The rechargeable batteries in your Handset need to be replaced by new batteries.
4. The batteries have been installed incorrectly. Please reinstall (see **Installation of Battery Cells in Handset**) and/or the diagram in the battery compartment on the Handset.

Connecting to Phone Line

Plug one end of the telephone line cord into the jack at the bottom of the Base Unit. Then plug the other end of the cord into the wall jack.

Checking for Dial Tone

After the battery cells are charged, press **ON** on the Handset. The word **PHONE** will appear on the Handset display, and you will hear a dial tone. If not, see **In Case of Difficulty.**

Tone/Pulse Selection

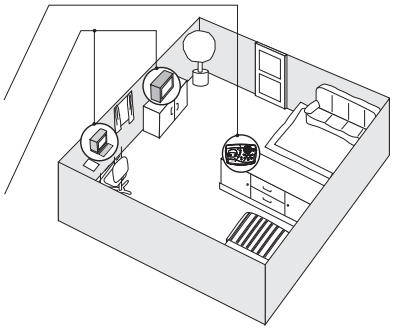
Your phone is preset for tone dialing. See **Handset Settings** for details.

⚠**CAUTION:** Use only the VTech power supply provided with your telephone.

IMPORTANT:

FOR MAXIMUM PERFORMANCE OF YOUR CORDLESS TELEPHONE SYSTEM:

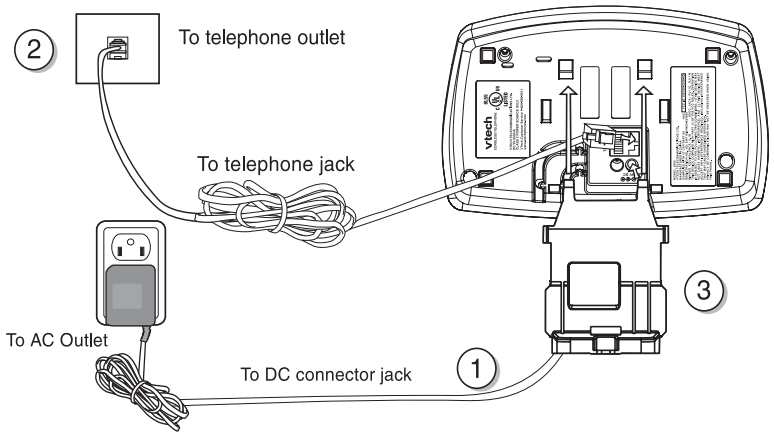
1. Choose a central location for your Base Unit.
2. Install your Base Unit and Extension Handsets away from electronic equipment, such as personal computers, television sets and microwave ovens.
3. In locations where there are multiple cordless telephones, separate Base Units as far away as possible.
4. Install your telephone equipment away from heat sources and sunlight.
5. Avoid excessive moisture, dust or extreme cold.



Wall Mounting

The Wall Mount brackets are designed for use on standard wall mount plates only. Wall mounting is optional.

1. Plug the AC adapters into electrical outlets. Then plug the DC connector of the Base power adapter to the connector jack at the bottom of the Base Unit.
2. Connect the telephone line cord to the jack at the bottom of the Base Unit, and the other end to the wall jack.
3. Line up the tabs on the wall mount adapters with the holes at the bottom of the Base Unit/back of the Handset Charger. Snap the wall mount bracket firmly in place.
4. Mount the Base Unit/Handset Charger on the wall. Position the Base Unit/ Handset Charger so that the mounting studs will fit into the holes on the wall mount bracket. Slide Base Unit/Handset Charger down on the mounting studs until it locks into place.



Handset and Base Indicators

Handset Icons

Icon	Description
MUTE	• Turns on when the microphone is muted.
NEW	• Turns on when there are new call log entries.
	• Turns on when the ringer is muted.
	• Low battery indicator or charging indicator.

Handset LEDs

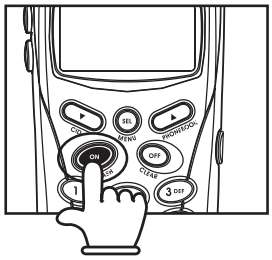
LED	Description
SPEAKER	• LED is on when in handsfree mode.

Base LEDs

LED	Description
IN USE	• On when the phone is off hook. • Flashes when an extension phone is off hook.
CHARGING	• On when the Handset is charging in the cradle.
PLAY/STOP 1, 2, 3	• Flashes when new messages are in the corresponding mailbox. • On when only old messages are in the corresponding mailbox.
ON/OFF	• On when the answering system is on.

Handset Operation

Making Calls

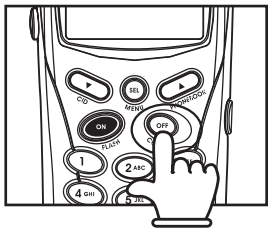


- Press **ON** (or **SPEAKER** to use the Handset Speakerphone feature). Dial the phone number.

  -OR-

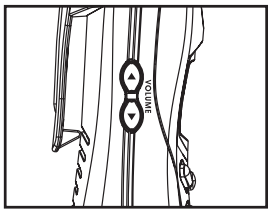
  Dial the phone number first, then press **ON** (or **SPEAKER**).
- Press **OFF** to end your call.

Answering Calls



- Press **ON, SPEAKER** or any dialing keys.
- Press **OFF** to end your call.

Adjust the Handset Volume



- The volume control is on the left edge of the Handset. During a call, press ▲ or ▼ key to adjust the listening volume to a comfortable level. When you reach the maximum or minimum setting, a double-beep will sound.

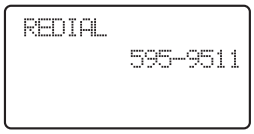
NOTE: The procedure is the same for the Handset earpiece, Speakerphone and Headset.

Flash Function

- You can use your **ip 5850** with services such as Call Waiting. When you receive a call-waiting signal, simply press the **ON/FLASH** key to switch to the new call. Press **ON/FLASH** again to switch back to the original call.

NOTE: Use **ON/FLASH** to access other phone company subscriber services, as described by your provider.

Redial Function



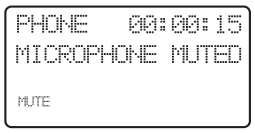
- Press **REDIAL/PAUSE** to display the last telephone number dialed from the Handset (up to 32 digits). Use ▲ or ▼ to scroll through the 5 previously dialed numbers. When the beginning or the end of the redial list is reached, a double-beep will sound.
- Pressing **OFF** will exit the redial review list.
- When the desired number is reached, press **ON** or **SPEAKER** to dial.
- When the desired entry displays, press **DELETE** to delete it. A confirmation tone will sound.

NOTE: If the redial memory is empty, and **REDIAL** is pressed, a double-beep will sound.

Handset Operation

Mute Function

- During an active call, pressing the **MUTE/ DELETE** key will disable the microphone. The screen will display **MICROPHONE MUTED** briefly:

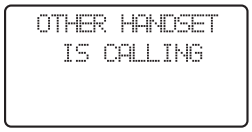


- Press **MUTE/DELETE** again to return to normal 2-way conversation. **MICRO-PHONE ON** will display briefly.

Intercom Call

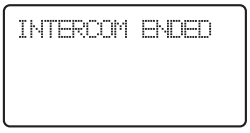
- From the idle (OFF) mode, press **INT**. The Handset will display:

- The other Handset will ring and the screen will display:

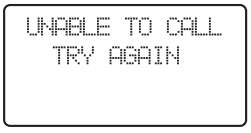


- Press **INT** or **SPEAKER** to answer the intercom call. The screens will display:

- Press **INT** or **OFF** on either Handset to end the call.



NOTE: If the other Handset is out of range, or on an external call, when you intercom it, the display of the first handset will show:



Call Forward and Call Transfer

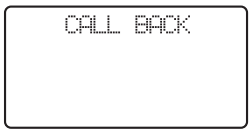
An external call can be forwarded or transferred from one Handset to the other Handset. The difference between forward and transfer depends on if the sending Handset needs to talk with the receiving Handset, before the external call is actually sent to the other Handset.

Handset Operation

Call Forward

- A Handset (HS1) on an external call can forward it to the other Handset (HS2) by **pressing and holding** the **INT** key. The display of HS1 will initially show:
- HS2 can press **ON** to answer the call.

NOTE: If HS2 does not answer the call in about 30 seconds, the external call will be returned to HS1 and the display will show:



If the returned call is not answered within another 30 seconds, the external call will end automatically.

Call Transfer

- A Handset (HS1) on an external call can forward it to the other Handset (HS2) by pressing the **INT** key.

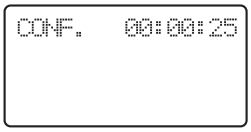
NOTE: The external call is put on hold automatically.

- HS2 will ring, showing an intercom call.
- HS2 can answer the intercom call by pressing **ON**.
- Intercom call link is established while the external call is still on hold. HS1 may discuss the external call with HS2.
- When HS1 presses **OFF**, the external call is then transferred to HS2. **CALL TRANSFERRED** will display on HS1 briefly.

NOTE: If there is no answer on HS2, HS1 can reconnect to the held call by pressing **ON**.

Conference Call

It is possible to establish a conference between two Handsets and the external line.



If a Handset already has a connection to the external line, the other Handset can join the call by pressing **ON**, a conference will be immediately established. Both Handsets will show:

Base Operation

From the Base Unit, you can use **PAGE** key to locate the Handsets for 60 seconds.

- When the Handset is in idle, press **PAGE**. The Handsets will display:
- To end the page at the Base, press **PAGE** again.
- To end the page at the Handset, press **ON**, **SPEAKER** or any dialing keys.

Phonebook Operation

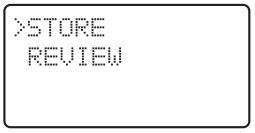
Your **ip 5850** can store up to 50 numbers with names in memory. Each memory location can hold up to 32 digits for the number and 16 characters for the name.

NOTE: The Handsets share a common phonebook, which is stored in the Base. This means that entries inserted by one Handset are available for both Handsets, and if one deletes a phonebook entry, it will disappear from both Handsets.

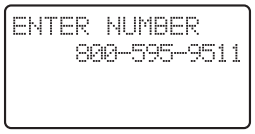
When one Handset is accessing the phonebook, the other Handset cannot access it at the same time. If this is attempted, **NOT AVAILABLE AT THIS TIME** will display on the second Handset.

Storing a New Entry

- Press **SEL**.
- With **Phonebook** selected, press **SEL** again.
- Press ▼ to select **STORE**. Press **SEL**.



- You will be prompted to **ENTER NUMBER**. Use the dialing keys to enter the number you wish to store in the phonebook. Press the **MUTE**.**DEL** key to backspace and make corrections. Press **SEL**.



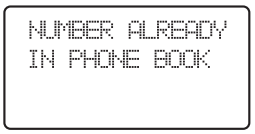
- You will then be prompted to **ENTER NAME**. Use the dialing keys to spell the name. Press **SEL**.

- You will hear a confirmation tone, and the new phonebook entry will display briefly.

NOTES:

- If the phonebook is full, the Handset will display **PHONEBOOK IS FULL**.

- You can also press **REDIAL**.**PAUSE**, then ▲ or ▼ to scroll to the previously dialed number from the redial list which you want to store in the phonebook. Press **SEL**.
- While entering numbers, press and hold **REDIAL**.**PAUSE** to add pauses if necessary.
- If there is a duplicate number in the phonebook, the display will show:



Phonebook Operation

Each press of a particular key causes characters to be displayed in the following order:

Key	Characters by number of key presses								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1	*space*	1							
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
✱	✱	?	!	/	(	)			
#	#	'	,	-	.	&			

Reviewing/Dialing from the Phonebook

- Press **SEL**. With **Phonebook** in the first line, press **SEL** again. With the **REVIEW** in the first line, press **SEL** again.

- OR -

With the Handset idle, press ▲ and the Handset jumps directly into the phonebook review mode. The first phonebook entry will be displayed.

- Scroll through the phonebook entries using ▲ or ▼ keys or enter first character of the name to be searched (using the digit keys) and continue navigating using the ▲ or ▼ as scroll keys, until you reach the entry to be dialed.

NOTE: When reviewing the phonebook, the second line of the display will show the phone number, up to 16 digits. For numbers longer than 16 digits, only the first 13 digits will be shown. Press ✱ or **#** to scroll the phone number to see the additional digits.

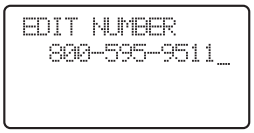
Phonebook Operation

- Press **ON** or **SPEAKERPHONE**, to dial the number.

NOTE: If there are no entries in the phonebook, when it is accessed, **PHONEBOOK IS EMPTY** will display

Editing a Phonebook Entry

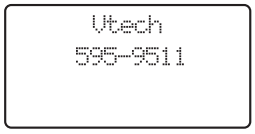
- Follow the two steps in **Reviewing/Dialing from the phonebook** (on page 16) to reach the entry to be edited.
- Press **SEL** to enter number edit mode.



- Press **MUTE.DEL** to backspace then press the digit keys to correct the number. Press and hold **REDIAL.PAUSE** to add pauses if necessary.
  You can also press **REDIAL.PAUSE**, then ▲ or ▼ to scroll to the previously dialed number from redial list which you want to store in the phonebook. Press **SEL**.

- Press **SEL** to confirm the number and enter name edit mode.

- Press **MUTE.DEL** key to backspace and use the digit keys to enter the correct name.



- Press **SEL** to confirm the change. A confirmation tone will sound.

Delete a Phonebook Entry

- Follow the two steps in **Reviewing/Dialing from the Phone Book** (on page 16) to reach the entry to be deleted.

- Press **MUTE.DEL** key to delete the entry. A confirmation tone will sound.

- The Handset will then move to the next entry, if any.

Call Log (Caller ID - Call Waiting)

Caller ID - Call Waiting ID

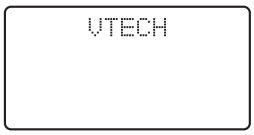
Your **ip 5850** is capable of displaying the number of the calling party before you answer the phone (**Caller ID**). If the number is contained in the phonebook, the name of the caller will also be displayed. It is also capable of displaying Caller ID information in conjunction with a Call Waiting alert signal (**Call Waiting Caller ID**). With Call Waiting Caller ID, the Caller ID data is displayed so you can decide whether to answer the incoming call, or continue with your current conversation. Your **ip 5850** can hold up to 50 CID entries.

NOTES ABOUT CALLER ID & CALL WAITING CALLER ID
These are subscription services, provided by most regional telephone service providers. You must subscribe to these services to get the benefits of these features. If you do not subscribe to Caller ID services, you can still use your **ip 5850** and the other features it offers.

Due to regional incompatibilities, Caller ID information may not be available for every call you receive. In addition, the calling party may intentionally block their name and/or phone number from being sent.

- As new Caller ID/Call Waiting ID records are received, your Handset displays will alert you to the new Caller ID records, for example:

- After you review all new Caller ID records, the **NEW** call indication will be turned off and the screen will show:

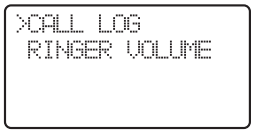


- If the call log is full, the oldest entry is deleted to make room for the new call. If the call log is empty when you try to enter to Call Log review, the following message is displayed:

Reviewing Caller ID

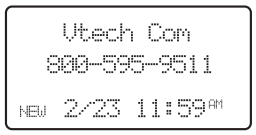
You can review the Caller ID record via the menu as described below, or by pressing the ▼ key in idle (quick access key) whereby the Handset jumps directly to the Caller ID review.

- In idle mode, press **SEL** to enter the menu.
- Press ▼ key to scroll to **CALL LOG** option.



Call Log (Caller ID - Call Waiting)

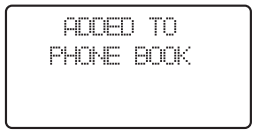
- Press **SEL** again. Use ▲ or ▼ to scroll through the Call Log entries. When the beginning or the end of the Call Log is reached, a double beep will sound.



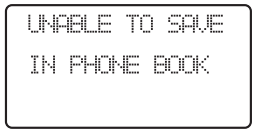
Storing a Caller ID

- Follow the steps in **Reviewing Caller ID** to scroll to the record to be stored.
- Press **SEL**.
- If the Caller ID contains both name and number, the Caller ID will be stored after pressing **SEL.**
- If the caller ID does not contain a name, you will be prompted to **EDIT NAME** and the screen will show:

- If the caller ID does not contain a number, you will be prompted to **EDIT NUMBER**, and the screen will show:
- You will hear a confirmation tone then the screen will display:



- If both name and number are missing, for example as in a private listing, the request will be rejected with the message:

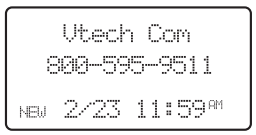


- If the phone number already exists in the phonebook, the entry will not be stored, and the screen will show:

- If the phonebook is full, the screen will show:

Dialing from Caller ID

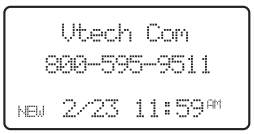
- Follow the steps in **Reviewing Caller ID** to scroll to the entry to be dialed.
- Press **ON** or **SPEAKER** key to dial the number.



Call Log (Caller ID - Call Waiting)

Deleting Caller ID

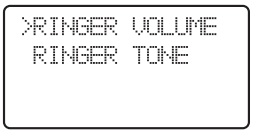
- Follow the steps in **Reviewing Caller ID** to scroll to the record to be deleted.
- Press **DELETE** key to delete the desired record. A confirmation tone will sound and the previous Caller ID record will be displayed on the screen.
- To delete all the Caller ID records, press and hold the **DELETE** key. The screen will ask you **DELETE ALL CALLS?** Press **SEL** for confirmation. Or, press **OFF** to return to the CID record previously displayed.



Handset Settings

Ringer Volume

- From the idle (**OFF**) mode, press **SEL** then ▲ or ▼ key to **RINGER VOLUME**.



- Press **SEL** again. The current ringer volume will be shown:

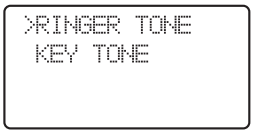
- Press ▲ or ▼ keys or enter digit 0-6 to the desired ringer volume. The current ring tone is played and the volume bar is increased/decreased each time the setting is adjusted. At the lowest setting, display will show:

NOTE: The Handset will not ring when a call comes in if Ringer Volume is set to the lowest setting.

- Press **SEL** to confirm the setting.

Ringer Tone

- From the idle (**OFF**) mode, press **SEL** then ▲ or ▼ key to **RINGER TONE**.



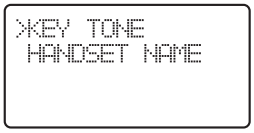
- Press **SEL** then you are prompted to choose **INTERCOM CALL** or **OUTSIDE CALL**. Press ▲ or ▼ keys to select the desired option.

- Press **SEL** again. You can then use ▲ or ▼ keys or enter digit 0-9 to sample the ring tone. The screen, for example, will show:

- Press **SEL** to confirm your setting.

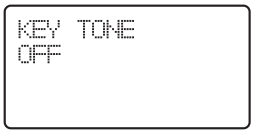
Key Tone (preset to ON)

- From the idle (**OFF**) mode, press **SEL** then ▲ or ▼ key to **KEY TONE**.



- Press **SEL** again. The current setting will be shown. Press ▲ or ▼ keys to scroll to **ON** or **OFF**. When set to **ON**, the Handset will emit a beep whenever a key is pressed.

- When the desired option is shown, press **SEL** to confirm your selection.



Handset Settings

Handset Name (preset as 'VTECH')

- It is possible to give each Handset its own unique name. The name is shown in the first line when the Handset is idle. The name can be a maximum of 16 characters in length.

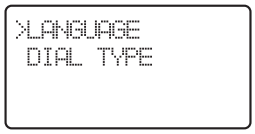
- From the idle (**OFF**) mode, press **SEL** then ▲ or ▼ key to **HANDSET NAME.**
- Press **SEL** again. The display will show the current setting, for example:
- Press **DELETE** to backspace then 'spell' the desired name.

NOTE: The characters are entered in the same way as for the phonebook, see the table on page 15.

- Press **SEL** to confirm the setting.

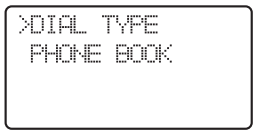
Language (preset to English)

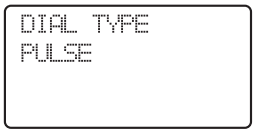
- From the idle (**OFF**) mode, press **SEL** then ▲ or ▼ key to **LANGUAGE.**
- Press **SEL** to select this option. Press ▲ or ▼ keys to scroll from English to French or Spanish.
- Press **SEL** to confirm the setting.



Dial Type (preset to Tone)

- From the idle (**OFF**) mode, press **SEL** then ▲ or ▼ key to **DIAL TYPE**.
- Press **SEL** then use ▲ or ▼ key to scroll to **TONE** or **PULSE**.
- Press **SEL** to confirm your setting.



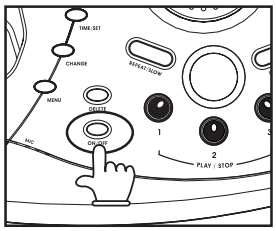


NOTE: When the phone is set for pulse dial mode, it is possible to switch to temporary tone mode during an ongoing call by pressing ***TONE**. Once pressed, tone will be used for rest of the call. After you hang up, the phone will return to pulse dialing for the next call.

Answering System Operation

Audible Indicators

This system gives you voice prompts for feature operations and voice confirmations when you press a button or complete an operation.



Turn Answering System On or Off

Press **ON/OFF** to turn the system on or off.

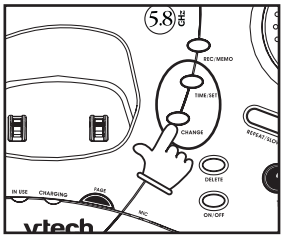
When the system is turned on, you will hear "Answering machine on" and the **ON/OFF** light will be lit.

When the system is off, you will hear "Answering machine off" and the **ON/OFF** light will not be lit. The system will still answer after 10 rings if it is off, then announce "Please enter your security code" and wait for you to enter your two-digit code to access remote functions. (See **Remote Access** on page 31 for details.)

Set the Clock

This system comes preset to Monday, 12:00 AM, If **CL** flashes in the message window, you will need to set the correct day and time at the Base.

1. Press **TIME/SET**. The time and day will be announced, followed by "To set day and time, press TIME/SET." Press **TIME/SET** again. The day will be announced.
2. Press **CHANGE** until the system announces the correct day, then press **TIME/SET**. The system announces the current hour setting.
3. Press **CHANGE** until the system announces the correct hour, press **TIME/SET.** The system announces the current minute setting.
4. Press **CHANGE** to advance the minutes one at a time.



- OR -

Press and hold **CHANGE** to advance the minutes in increments of 10.

When the system announces the correct minute, press **TIME/SET**. The system announces the current clock setting.

NOTE: Press any **PLAY/STOP** button to exit programming at any time. The **PLAY/STOP** buttons are located on the Base Unit and are labled numbers **1**, **2**, and **3**. These buttons also playback messages left in their respective mailbox.

Answering System Operation

About Mailboxes

This answering system has three voice mailboxes. Callers using a touch tone phone can select the mailbox in which their messages will be recorded by pressing 1, 2, or 3 while the system plays the outgoing announcement. Otherwise, messages will be recorded in Mailbox **1**.

About Announcements

- You can record two different announcements - one for normal answering and one for when you've set the system to play the announcement only.
- Use normal answering when you want the system to record callers' messages. Use Announce only when you want to give information to callers without accepting messages.
- If you choose not to record an announcement, the system answers with a pre-recorded announcement.
- The normal answering pre-recorded announcement says: "Hello. I'm unable to answer your call right now. Please leave your name, number and a message after the tone." The Announce Only pre-recorded announcement says: "Hello, I'm unable to answer your call right now. Please call again. Thank you."
- By setting Announce Only to on or off, you decide which announcement your callers will hear when the system answers a call (the system comes set for normal answering, with Announce Only turned off). See **Set Announce Only** on page 26 to change your announcement selection.

Record Your Announcement

NOTE: If you have assigned different mailboxes to different people, be sure to tell callers in your announcement to press 1, 2 or 3 to leave a message in the appropriate mailbox. Remember to leave a few seconds blank at the end of your recorded announcement to allow callers having enough time to select a mailbox. An example of an announcement:
"Thank you for calling. To leave a message for Bob, press **1** now; to leave a message for Sue, press **2** now; to leave a message for Elmo, press **3** now; or, wait for the beep and leave your message."

The system will record your announcement for the currently selected answer mode (Normal or Announce Only). To confirm or change the answer mode, follow the directions under **Answering System Feature Setup** and **Feature Summary** on pages **25** and **26**.

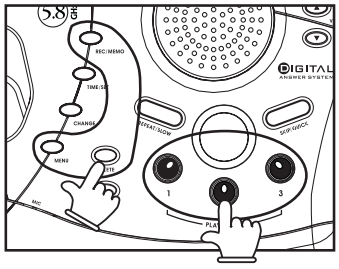
1. With the system set for the desired answer mode (Normal or Announce Only) press **MENU** until you hear "Set Outgoing Message."
2. Press **REC/MEMO**. After you hear "Now recording" followed by a beep, speak toward the base to record an announcement up to 90 seconds long.

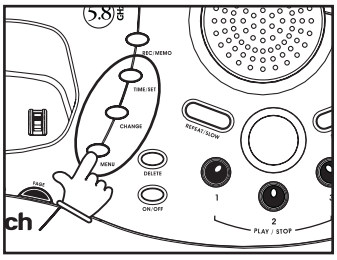
Answering System Operation

3. Press any **PLAY/STOP** button to stop recording. The system plays back your recorded message.

Review Your Announcement:

1. Press **MENU** until you hear "Set Outgoing Messages."
2. Press any **PLAY/STOP** button. The system plays the current announcement.





Delete Your Announcement:

Press **DELETE** during announcement playback.
The system will use the pre-recorded announcement until you record a new one.

Answering System Feature Setup

You can set up one feature at a time, or you can set up a feature and then move on to set up another feature.

1. Make sure the answering system is on.
2. Press and release **MENU** until you hear the system announce the feature you want to set. Refer to **Feature Summary** on page 26 for a description of the features and your choices.
3. Press **TIME/SET** to hear the current setting.
4. Press **CHANGE** until you hear your desired setting.
5. Press **TIME/SET** to confirm your selection.

Answering System Operation

FEATURE SUMMARY (Default setting indicated by "*")

SYSTEM ANNOUNCES:	DESCRIPTION/DIRECTIONS:
"Set Security Code" **50***	Set the remote access code you will use to access features and functions of the answering system from a touch tone phone. Choose a two-digit number from **40** to **99**.
"Set Audible Message Alert" **Off*** **On**	When Message Alert is turned on the Base beeps once every 10 seconds when new messages have been received.
"Set Announce Only" **Off*** **On**	When you turn Announce Only on, callers hear your announcement but cannot leave a message.
"Set Base Ringer" **On*** **Off**	Turn the Base ringer on or off.
"Set Number of Rings" **2** **4*** **6** **Toll Saver**	Choose how many times the phone will ring before the system answers a call. With Toll Saver active, the system answers after two rings when you have new messages and after four rings when you have no new messages.

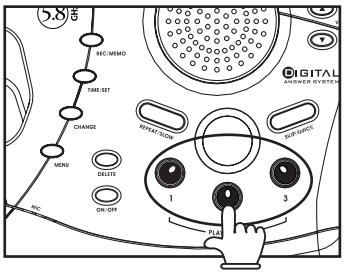
NOTE: Exit Feature Setup at any time by pressing any **PLAY/STOP** button.

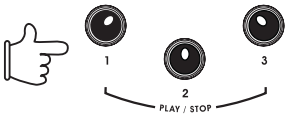
Answering System Operation

This system automatically saves your messages until you delete them, and can store approximately 15 minutes of messages, memos and announcements (up to a maximum of 99 messages). A message or memo can be up to 4 minutes long.
If the system has less than 30 seconds of recording time left, it automatically turns off. The system will still answer after 10 rings, announce "Memory full, please enter your security code" and wait for the caller to enter the code to access remote functions. (See **Remote Access** beginning on page 31 for details.)

When you have new messages or memos, the **PLAY/STOP** light for each mailbox with new messages will flash.

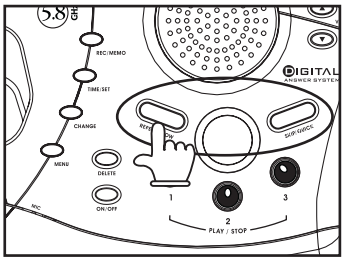
Listen to Messages





A Mailbox key will flash if you have new messages. If all messages in that Mailbox are old, the key will glow steadily. Press the **PLAY/STOP** button for the mailbox you want to review. The system announces the mailbox number, the number of new messages and the number of old messages. The system then plays only new messages in the Mailbox. After all new messages are played, press the **PLAY/STOP** button again to hear all (old) messages.

Before each message or memo plays, the system announces the day and time it was received.
While a message plays, the message window displays the number of that message.



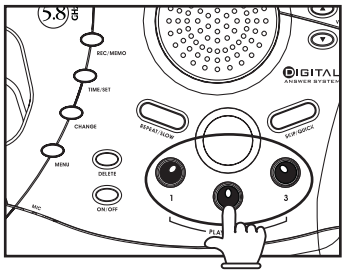
Press **REPEAT/SLOW** during playback to hear a message again. If you press **REPEAT/SLOW** twice in the first two seconds of a message, the system will backup to replay the previous message.

Press **SKIP/QUICK** during playback to skip to the next message.

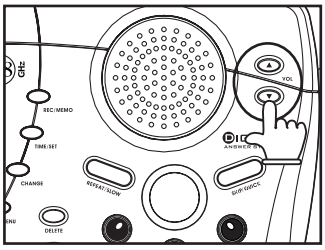
Press and hold **SKIP/QUICK** or **REPEAT/SLOW** during message playback to speed up or slow down playback of a message.

After playing the last message in a mailbox, the system announces "End of messages." If the system has less than five minutes of recording time left, it announces the remaining time.

Answering System Operation



Press the **PLAY/STOP** button at any time during playback to exit message playback. You will hear a long beep.



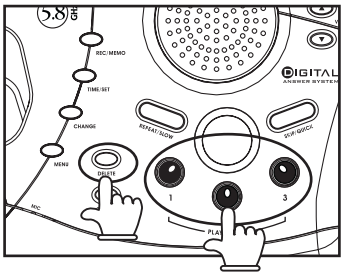
Adjust Playback Volume

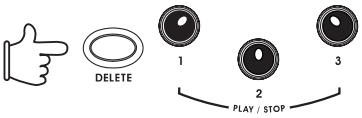
Press **VOL** ▲ or **VOL** ▼ to adjust playback volume to a comfortable level. If volume is set to level 1, you will not hear incoming messages as they are received.

The system beeps three times when you reach the highest or lowest volume setting.

Delete Messages

NOTE: Deleted messages cannot be recovered.





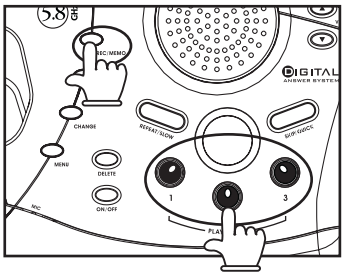
Delete a Specific Message

Press **DELETE** while a message is playing to delete only that message.

Delete All Old Messages in a Mailbox

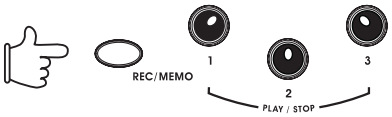
Press **DELETE**. The system announces, "Please select mailbox." Press the desired **PLAY/STOP** button. The system erases all old (previously reviewed) messages and memos in that mailbox.

Answering System Operation



Record a Memo

You can record a memo up to four minutes long to store as an incoming message.



1. Press and release **REC/MEMO.** The system announces "Please select mailbox."
2. Press the **PLAY/STOP** button to select a mailbox for the memo. After the system announces "Now recording," speak towards the Base microphone. The message window displays the length of your memo, up to 99 seconds. If you record longer memo, 99 continues to flash until you finish.
3. To stop recording, press the **PLAY/ STOP** button again.

Call Screening

1. Set the Base playback volume to a level greater than **1** to hear messages as they are left.
2. If you press **ON** on the Handset, the Answering System will stop recording, and you can talk to your caller.
3. If you do not want to screen messages, set the volume level to **1**.

Answering System Operation

MESSAGE WINDOW DISPLAY

WINDOW DISPLAYS	TO INDICATE:
0	No messages in any mailbox.
1-98	Total number of messages in all mailboxes.
0-99 ⟷ F	Memory is full or total number of messages is 99.
Counting 1 to 99	Duration of announcement or memo recording. (Maximum length of announcement is 90 seconds.)
99 (flashing)	Length of recording is more than 99 seconds.
1-99 (flashing)	New message number during message playback.
1-8 (steady for one second)	Indicates volume level selected when **VOL ▲** or **VOL ▼** is pressed.
40-99	Current Remote Access Code while setting.
A	Announce Only mode.
On or Off (steady for one second)	Displayed when any setting is changed to on or off.
CL ⟷ normal display	Clock needs to be set.
--	System is answering a call or is in remote operation.
-- (Flashing)	System is in programming mode or initializing.

Answering System Operation

Remote Access

You can access many features of this system remotely from a touch tone phone.

1. Dial your telephone number.
2. When the system answers, enter your Remote Access Code (preset to 50). The system beeps once and announces the number of new messages on the system.
3. Enter a remote command (see **"Remote Access Commands"** below).
4. Press *** 0** to exit remote operation.

Voice Menu

The system has voice prompts to help you with remote operation.
Press *** 5** to hear the menu while remotely connected to the answering system.

REMOTE ACCESS COMMANDS

FUNCTION:	COMMAND:
Play messages in a mailbox	Press **#**, then the desired mailbox number (**1, 2,** or **3**). The system plays new messages. If there are no new messages the system plays old messages.
Repeat a message	Press **#4** while message is playing; press **#4** twice to back up previous message.
Skip a message	Press **#6** while message is playing; each press advances next message.
Stop	Press **#5**.
Save messages	Hang up.
Delete message	Press **#9** while message is playing.
Review announcement	Press **#7**; system plays announcement, then beeps.
Record announcement	Press ***7**; after beep, record announcement, press **#5** to stop. System plays back announcement.
Record memo	Press ***8**, then the mailbox number where you want memo recorded; speak after the system announces "Now recording." Press **#5** to stop.
End remote access call	Press ***0**.
Turn system off	Press **#0**; the system announces, "Answering machine off." Press **#0** again to turn the system back on.
Turn system on	When system is off, it answers after 10 rings and announces, "Please enter your security code." Enter your remote access code.

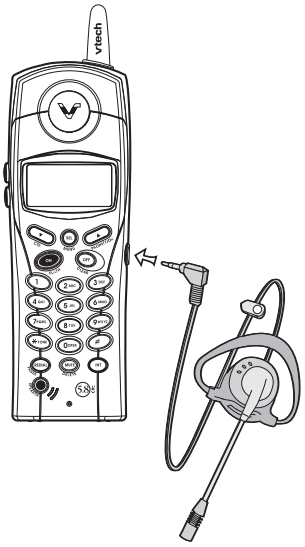
NOTE: If no key is pressed within 10 seconds of entering remote access, the voice menu will be announced. After the voice menu announcement, if no key is pressed within 20 seconds, the remote access call will automatically end.

Headset Operation

Your **ip 5850** Handset is equipped with a 2.5mm Headset Jack for use with an optional accessory Headset for hands-free operation. If you choose to use the Headset option, you must obtain an optional accessory Headset, which is compatible with the **ip 5850**. For best results use a VTech 2.5 mm headset.

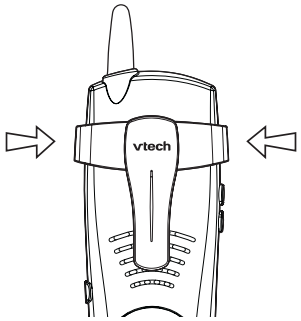
To purchase a Headset, call VTech Customer Service at 1-800-595-9511.

Once you have a compatible 2.5mm Headset, locate the Headset Jack on the **ip 5850** Handset. Connect the plug on the Headset cord to the jack (under a small rubber flap) on the cordless Handset. The plug should fit securely. Do not force the connection.



NOTE:

- Whenever a compatible Headset is connected to the cordless Handset, the microphone on the Handset will be muted. This is done to limit the effect of background noise.
- When a compatible Headset is connected to the cordless Handset, your Speakerphone feature will be disabled. To use your Speakerphone feature, simply disconnect the Headset from the Handset.



Belt Clip

The **ip 5850** is also equipped with a detachable belt clip. Align the pins on the inside edge of the clip with the notches on the sides of the Handset. The belt clip should snap securely into place. Do not force the connection.

In Case Of Difficulty

If you have difficulties in operating your phone, the suggestions below should solve the problem. If you still have difficulties after trying these suggestions, call VTECH Communications at 1-800-595-9511. In Canada, call VTECH Telecommunications Canada Ltd. at 1-800-267-7377.

The Phone Doesn't Work At All

- Make sure the Power Cord is plugged in.
- Make sure the telephone line cord is plugged firmly into the Base Unit and the telephone wall jack.
- Make sure the battery cells are properly charged. If you get a 'LOW BATTERY' message or indication, the battery cells need charging.

No Dial Tone

- First check all the suggestions above.
- If you still don't hear a dial tone, disconnect the Base Unit from the telephone jack and connect a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company.

You Get Noise, Static, Or A Weak Signal Even When You are Near The Base Unit

- Household appliances plugged into the same circuit as the Base Unit can sometimes cause interference. Try to move the appliance or the Base Unit to another outlet.

You Get Noise, Static, Or A Weak Signal When You are Away From The Base Unit

- You may be out of range. Either move closer to the Base, or relocate the Base Unit.
- The layout of your home may be limiting the range. Try to move the Base Unit to another position.

The Handset Does Not Ring When You Receive A Call

- Make sure you have the ringers activated. Refer to the section(s) on **Ringer Volume** and **Answering System Feature Setup** in this User's Manual.
- Make sure the telephone cord is plugged firmly into the Base Unit and the telephone jack. Make sure the power cord is plugged in.
- You may be too far from the Base Unit.
- You may have too many extension phones on your telephone line to allow all of them to ring. Try to unplug some of the other phones.

You Hear Other Calls While Using Your Phone

- Disconnect your Base Unit from the telephone jack, and plug in a regular telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

In Case Of Difficulty

You Hear Noise In The Handset, And None Of The Keys Or Buttons Work

- Make sure the power cord is plugged in.

Common Cure For Electronic Equipment

If the unit does not seem to be responding normally, then try to put the Handset in the cradle. If it does not seem to respond, do the following (in the order listed):

1. Disconnect the power to the Base.
2. Disconnect the Handset battery cells.
3. Wait a few minutes.
4. Connect power to the Base.
5. Re-install the battery cells.
6. Watch for Handset to display: "**VTECH**" or your own handset name.

Maintenance

Taking care of your telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment

Place the Handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

Your telephone can be damaged if it gets wet. Do not use the Handset outdoors in the rain, or handle it with wet hands. Do not install your Base Unit near a sink, bathtub or shower.

Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, use caution when using electric appliances during storms.

Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap. Do not use excess water or cleaning solvents of any kind.

> Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If your Base Unit should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL. Then pull the unit out by the unplugged cords.

Warranty Statement

What does this limited warranty cover?

- The manufacturer of this VTech product, VTech Communications, warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the product and all accessories provided by VTech in the sales package ("Product") are free from material defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with operation instructions, This limited warranty extends only to the Consumer for Products purchased and used in the United States of America.

What will VTech Communications do if the Product is not free from material defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

- During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair this product, we may use new or refurbished replacement parts. If we choose to replace this product, we may replace it with a new or refurbished product of the same or similar design. VTech will return repaired or replacement products to you in working condition. VTech will retain defective parts, modules, or equipment. Repair or replacement of Product, at VTech's option, is your exclusive remedy. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

- The limited warranty period for the product extends for ONE(1) YEAR from the date of purchase if we repair or replace a Materially Defective Product under the terms of this limited warranty. This limited warranty also applies to repaired or replacement Products for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, negligent, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech electrical accessories; or
5. Product whose warranty/quality stickers, Product serial numbers plates or electronic serial numbers have been removed, altered or rendered illegible; or

Warranty Statement

6. Product purchased, used, serviced, or shipped for repair from outside the United States, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without valid proof of purchase (see 2 below); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

How do you get warranty service?

- To obtain warranty service in the United States of America, call 1-800-595-9511 for instructions regarding where to return the Product. Before calling for service, please check the user's manual. A check of the Product controls and features may save you a service call.
- Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of Product(s) to the service location. VTech will return repaired or replaced product under this limited warranty to you, transportation, delivery or handling charges prepaid. VTech assumes no risk for damage or loss of the Product in transit.
- If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty;
2. Include "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other Limitations

- This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this product. The warranty exclusively describes all of VTech's responsibilities regarding the product.

  There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Warranty Statement

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the product is fit for ordinary use) are limited to one year from date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

- In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the product, or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this product, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

FCC, ACTA and IC Regulations

This equipment complies with Parts 15 of the Federal Communications Commission (FCC) rules for the United States. It also complies with regulations RSS210 and CS-03 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

A label is located on the underside of the Base Unit containing either the FCC registration number and Ringer Equivalence Number (REN) or the IC registration number and Load Number. You must, upon request, provide this information to your local telephone company.

This equipment is compatible with inductively coupled hearing aids.

Should you experience trouble with this telephone equipment, please contact:

VTech Communications Inc.

CUSTOMER SERVICE at 1-800-595-9511. In Canada, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.

For repair/warranty information. The telephone company may ask you to disconnect this equipment from the line network until the problem has been corrected.

FCC Part 15

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The equipment has been tested and found to comply with part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To ensure safety of users, the FCC has established criteria for the amount of radio

frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset has such a low power that it does not require testing. It may be safely held against the ear of the user. The base unit shall be installed & used such that parts of the user's body ther than the hands should be maintained at a comfortable distance of approximately 20 cm or more.

FCC Part 68 and ACTA

If this equipment was approved for connection to the telephone network prior to July 23, 2001, it complies with Part 68 of the Federal Communications Commission (FCC) rules. If the equipment was approved after that date, it complies with the Part 68 rules and with Technical Requirements for Connection of Equipment to the Telephone Network adopted by the Administrative Council for Terminal Attachments (ACTA). We are required to provide you with the following information.

1. Product identifier and REN information

The label on the back or bottom of this equipment contains, among other things, an identifier indicating product approval and the Ringer Equivalence Number (REN). This information must be provided to your local telephone company upon request. For equipment approved prior to July 23, 2001, the product identifier is preceded by the phrase "FCC Reg No." and the REN is listed separately. For equipment approved after that date, the product identifier is preceded by "US" and a colon (:), and the REN is encoded in the product identifier without a decimal point as the sixth and seventh characters following the colon. For example, the product identifier US:AAAEQ03T123XYZ would indicate an REN of 0.3. The REN is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. In most, but not all areas, the sum of all RENs should be five (5.0) or less. You may want to contact your local telephone company for more information.

2. Connection and use with the nationwide telephone network

The plug and jack used to connect this equipment to the premises wiring and the telephone network must comply with the applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual. This equipment may not be used with Coin Telephone Lines or with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

FCC, ACTA and IC Regulations

3. Repair instructions

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

4. Rights of the telephone company

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

5. Hearing aid compatibility

If this product is equipped with a corded or cordless Handset, it is hearing aid compatible.

6. Programming/testing of emergency numbers

If this product has memory dialing locations, you may choose to store police, fire department and emergency medical service telephone numbers in these locations. If you do, please keep three things in mind:

a We recommend that you also write the telephone number on the directory card, so that you can still dial the emergency number manually if the memory dialing feature doesn't work.

b This feature is provided only as a convenience, and the manufacturer assumes no responsibility for customer reliance upon the memory feature.

c Testing the emergency telephone numbers you have stored is not recommended. However, if you do make a call to an emergency number:

- You must remain on the line and briefly explain the reason for the call before hanging up.
- Programming/testing of emergency numbers should be performed during off-peak hours, such as in the early morning or late evening, when the emergency services tend to be less busy.

IC (Industry Canada)

This telephone is registered for use in Canada.
The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

FCC, ACTA and IC Regulations

Notice:

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Notice:

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

Before installing this equipment, user should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of services in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution:

Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority, or electrician, as appropriate.

Your Cordless Phone is designed to operate at the maximum power allowed by the FCC and IC. This means your Handset and Base Unit can communicate only over a certain distance - which will depend on the location of the Base Unit and Handset, weather, and the construction and layout of your home or office.

Technical Specifications

FREQUENCY CONTROL

Crystal controlled
PLL synthesizer

TRANSMIT FREQUENCY

Base: 5744.736 - 5825.952 MHz
Handset: 2401.056 - 2482.272 MHz

RECEIVE FREQUENCY

Base: 2401.056 - 2482.272 MHz
Handset: 5744.736 - 5825.952 MHz

CHANNELS

95 Channels

NOMINAL EFFECTIVE RANGE

Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.

SIZE

Handset: 182mm (length) x 55mm (width) x 41mm (height) (including antenna)
Base: 179mm (length) x 114mm (width) x 67mm (height)
Charger: 79mm (length) x 76mm (width) x 45mm (height)

WEIGHT

Handset: 146 grams (excluding Batteries)
Base: 378.66 grams (excluding Base Wall Mounting Bracket and AC power adapter).
Charger: 226.03 grams (excluding AC power adapter)

POWER REQUIREMENTS

Handset: 3.6V 600mAh NiMH (3 AAA cells)
Base: 9 VDC @ 850mA
Charger: 9 VDC @ 150mA

MEMORY

Phonebook: 50 Memory locations; up to 32 digits per location
CID: 50 Memory locations

SPECIFICATIONS ARE TYPICAL

AND MAY CHANGE WITHOUT NOTICE.

vtech

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